PATENT

Atty. Dkl. No. AMAT/5933/CMP/ECP/RKK

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Padhi et al.

Serial No.: 10/043,701

Confirmation No.: 7735

Filed:

January 8, 2002

METHOD FOR DETERMING A For:

CONCENTRATION OF

CONDUCTIVE SPECIES IN AN

AQUEOUS SYSTEM

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

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Group Art Unit: 1742

JUL 2 6 2004

Examiner:

Wesley A. Nicolas

## CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, (703) 872-9306 to the attention of the named Examiner, on the date below. 7/26/04

Ya-Ken Chen, Reg. No. 51,553

## SECOND RESPONSE TO FINAL OFFICE ACTION DATED APRIL 26, 2004

In response to the Final Office Action dated April 26, 2004, having a shortened statutory period for response set to expire on July 26, 2004, please enter this second response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AMAT/5933/KMT, for any fees, including extension of time fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 8 of this paper.